

**Stakeholders:**

Developers - the people who are programming this project

Residential Advisors - These are the end users that will be using this application the most

Residential Education Director - These are the end users that will be using this application

The professor Haipeng Cai/TA's - Our largest stakeholder because he is grading us

**Modify user**

Actors:	Admin/RED
Goal:	Edits permissions and data of REDs and Admins
Preconditions:	There must be users with data
Scenarios:	Need to remove user Update user info Update user status
Exceptions:	None

**Register user**

Actors:	Admin/RED
Goal:	Adds the ADMIN, RED, or RA into the WSU database
Preconditions:	The ADMIN/RED exist ADMIN/RED logged in
Scenarios:	An RED is promoted to admin A resident is promoted to an RED A new RA is hired
Exceptions:	The RED/ADMIN do not exist

**Login**

Actors:	All users
Goal:	Sign into the database
Preconditions:	User has already been registered into the

	database
Scenarios:	Success and fail codes Login screen with email and password
Exceptions:	The user does not exist in the database

### Modify resident

Actors:	Admin/RED
Goal:	Edits permissions and data of residents
Preconditions:	There must be residents with data
Scenarios:	Need to remove resident Need to make update to resident info Need to make update to resident status Need to make update to residents hall
Exceptions:	Resident not in database

### Lookup resident

Actors:	Admin/RED
Goal:	Find a resident within the data base
Preconditions:	The resident must be a real person The Admin/RED must be logged in.
Scenarios:	Find a resident for an Intentional Interaction (II) Checking if a resident is still registered Find a new resident that may be moving
Exceptions:	Resident not in database

The UML tool that we used for this diagram was Visio.

### RA App Case Diagram

